

| REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE | | | | | PAGE 1 OF 1 PAGE | | |
|---|--|--------------------|---|-----------------|--|--------------------------|---------------------------------------|
| | | | | | DATE: 06 August 2020 | | |
| TO: The Record | | | FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090 | | | | |
| RIVER/HARBOR NAME AND STATE: Matawan Creek, New Jersey | | | | | MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD | | |
| NAME OF CHANNEL | DATE OF SURVEY | AUTHORIZED PROJECT | | | LEFT OUTSIDE QUARTER (feet) | MIDDLE HALF (feet) | RIGHT OUTSIDE QUARTER (feet) |
| | | WIDTH (feet) | LENGTH (nmiles) | DEPTH (feet) | | | |
| Reach A: Commences from the end of Keyport Harbor channel, and continues landward approximately 3,315 feet to the Amboy Road and W. Front Street Bridge. | File No. 4964/AL; Pg 1&2 of 3; 9,15,16,20,21 July 2020 | 100 – 40 | 0.55 | 4 | 4.2 | 4.6 | 4.4 |
| Reach B: Commences from the Amboy Road and W. Front Street Bridge, and continues landward approximately 1,530 feet to the Route 35 bridge. | File No. 4964/AL; Pg 2 of 3; 9,15,16,20,21 July 2020 | 100 – 25 | 0.25 | 4 | 3.6 | 2.9 | 2.3 |
| < 100 FEET WIDE | | | | | 80% of CHANNEL WIDTH (feet) | | |
| Reach C: Commences at the Route 35 Bridge, and continues approximately 1,100 feet landward. | File No. 4964/AL; Pg 2 of 3; 9,15,16,20,21 July 2020 | 75 – 40 | 0.18 | 4 | 3.4 | | |
| Reach D: Commences from the end of Reach C and continues for approximately 4,565 feet landward to the New Jersey Coastline Railroad. | File No. 4964/AL; Pg 3 of 3; 9,15,16,20,21 July 2020 | 75 – 40 | 0.75 | 4 | +2.4 | | |
| REMARKS: <ul style="list-style-type: none"> • All reported depths are relative to Mean Lower Low Water (MLLW) datum. • Channel reach lengths are in nautical miles. | | | | | | | |
| MATAWAN CREEK <ul style="list-style-type: none"> ○ Reach A: No shoaling exists in this reach. The controlling depth of -4.2 feet MLLW exists in the Left Outside Quarter at approximately the channel's second bend. ○ Reach B: Scattered shoaling exists in the middle of this reach. The controlling depth of -2.3 feet MLLW exists in the Right Outside Quarter at approximately 605 feet landward from the beginning of the reach. ○ Reach C: Edge shoaling exists throughout the majority of this reach. The controlling depth of +0.6 feet MLLW exists in the Right 10% at approximately 450 feet seaward from the end of the reach. The controlling depth of -3.4 feet MLLW exists in the Middle 80% at approximately 45 feet seaward from the end of the reach. ○ Reach D: Shoaling exists throughout this reach, extending across the majority of the channel width. The controlling depth of +2.4 feet MLLW exists in the Middle Half approximately 235 feet seaward from the end of this reach. | | | | | | | |